

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 151  | miura-yoshihisa.IN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 10:46 |
| L2    | 60   | 1 and spring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 10:53 |
| L3    | 10   | ("20030006114"   "2750019"  <br>"2753027"   "4252221"   "4766987"<br>  "5002167"   "5469949"  <br>"6892868").PN. OR ("6953112").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/05/22 10:52 |
| L4    | 1033 | (koyo adj seiko).AS.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/05/22 14:41 |
| L5    | 83   | jtekt.AS.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/05/22 10:53 |
| L6    | 1116 | 4 or 5  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2007/05/22 10:53 |
| L7    | 344  | 6 and spring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 10:53 |
| L8    | 86   | 7 and ((one adj way) or one\$way<br>or over\$running or free\$wheel or<br>free\$wheeling of uni\$directional)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 13:15 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L9  | 77   | 8 not 2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 10:54 |
| L10 | 8923 | ((one adj way) or one\$way or over\$running or free\$wheel or free\$wheeling of uni\$directional) and spring and tongue  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 11:42 |
| L11 | 976  | 10 and (tongue with (bend or bending or bent or angle))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 11:44 |
| L12 | 72   | 11 and ((inner and outer) adj (ring or member or race))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 11:57 |
| L13 | 23   | ("20040074730"   "2744598"   "2753027"   "2777551"   "3049205"   "4766987"   "4854435"   "4880093"   "4882941"   "4998605"   "5000303"   "5002167"   "5052533"   "5335761"   "5469949"   "6125978"   "6138805"   "6167998").PN. OR ("6892868").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 12:00 |
| L14 | 15   | ("2744598"   "2824635"   "2973072"   "3219163").PN. OR ("4880093").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 12:10 |
| L15 | 648  | 192/45.1.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:02 |
| L17 | 209  | 192/41A.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:05 |
| L18 | 51   | 17 not 15  | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:02 |
| L19 | 128  | 188/82.8.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:19 |
| L21 | 91   | 19 not (15 or 17)  | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:06 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| L22 | 10 | (US-20030006114-\$ or US-20030010592-\$).did. or (US-5363947-\$ or US-6892868-\$ or US-5052533-\$ or US-4880093-\$ or US-6732843-\$ or US-5676226-\$ or US-5469949-\$ or US-4766987-\$). did.  | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:09 |
| L23 | 99 | ("1765648"   "20040074730"   "2385799"   "2630896"   "2683510"   "2744598"   "2750019"   "2753027"   "2777551"   "2824635"   "2824636"   "2832450"   "2892523"   "2904148"   "2912086"   "2923388"   "2927671"   "2940567"   "2973072"   "3049205"   "3194369"   "3219163"   "3743066"   "3886740"   "3952849"   "4114739"   "4130191"   "4252221"   "4327822"   "4347920"   "4347921"   "4360093"   "4645047"   "4756395"   "4766987"   "4848557"   "4854435"   "4875564"   "4880093"   "4882941"   "4997070"   "4998605"   "5000303"   "5002167"   "5007514"   "5016741"   "5052533"   "5064037"   "5176232"   "5183139"   "5291978"   "5320204"   "5335761"   "5363947"   "5443147"   "5469949"   "5607036"   "5765670"   "6125978"   "6138805"   "6167998"   "6220414"   "Re29985").PN. OR ("2003/0006114"   "2003/0010592"   "4766987"   "4880093"   "5052533"   "5363947"   "5469949"   "5676226"   "6732843"   "6892868").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 13:10 |
| L24 | 91 | 23 not 22  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 13:10 |
| L26 | 85 | 7 and ((one adj way) or one\$way or over\$running or free\$wheel or free\$wheeling or uni\$directional)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 13:15 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| L27 | 0     | 26 not 8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 13:15 |
| L28 | 1365  | "267"/\$7.ccls. and ((one adj way)<br>or one\$way or over\$running or<br>free\$wheel or free\$wheeling or<br>uni\$directional)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 13:16 |
| L29 | 68    | "267"/\$7.ccls. and (((one adj way)<br>or one\$way or over\$running or<br>free\$wheel or free\$wheeling or<br>uni\$directional) adj (clutch or<br>brake)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 13:16 |
| L30 | 116   | 267/163.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:20 |
| L31 | 6     | 30 and tongue   | US-PGPUB;<br>USPAT   | OR | ON | 2007/05/22 13:20 |
| L32 | 974   | 4 and @pd>"19881101"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 14:37 |
| L33 | 0     | 4 and @pd>"19881101"  | JPO  | OR | ON | 2007/05/22 14:38 |
| L34 | 7553  | (koyo adj seiko).AS.  | JPO  | OR | ON | 2007/05/22 14:37 |
| L35 | 7022  | 34 and @pd>"19881101"   | JPO  | OR | ON | 2007/05/22 14:38 |
| L36 | 55    | 34 and sprag  | JPO  | OR | ON | 2007/05/22 14:43 |
| L37 | 472   | 34 and spring   | JPO  | OR | ON | 2007/05/22 14:40 |
| L38 | 8     | 37 and tongue   | JPO  | OR | ON | 2007/05/22 14:41 |
| L39 | 16660 | (koyo adj seiko).AS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:43 |
| L40 | 24    | 39 and (sprag and spring and<br>tongue)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:42 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L41 | 1358 | jtekt.AS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:43 |
| L42 | 24   | 41 and sprag  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:44 |
| L43 | 66   | 41 and spring   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:45 |
| L44 | 57   | 43 not 42   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:44 |
| L45 | 5    | 41 and tongue   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:47 |
| L46 | 67   | 39 and tongue   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:47 |
| L47 | 23   | ("20040074730"   "2744598"  <br>"2753027"   "2777551"   "3049205"<br>  "4766987"   "4854435"  <br>"4880093"   "4882941"   "4998605"<br>  "5000303"   "5002167"  <br>"5052533"   "5335761"   "5469949"<br>  "6125978"   "6138805"  <br>"6167998").PN. OR ("6892868").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/05/22 14:49 |